

DALI ECO BT RTC | Control units for light management systems



- Compact light control with DALI interface
- Smart phone connection via Bluetooth to control and configure
- Integrated clock for time based control of brightness and color temperature (HCL)
- Adaptable HCL curve with up to 24 points
- One DALI output channel (Broadcast or Groupcast)
- Up to 32 DALI luminaires connectable
- Supports up to 4 OSRAM DALI sensors and pushbutton couplers
- Daylight-dependent regulation and presence-dependent control of light
- Pushbutton interface to separately control brightness and color temperature
- Supports DALI DT8 Tunable White driver
- Outputs with electronical reversible overtemperature, short-circuit, overload protection
- Length of the DALI control cable: up to 300 m
- Length of the pushbutton cable: up to 50 m
- Suitable for luminaire integration

- Daytime depending change of brightness and color temperature (HCL)
- Suitable for Human Centric Lighting Applications (HCL)
- Control the light via Smartphone
- Adjustment of all settings via smartphone
- Up to 4 timers with ON-/OFF-Time and weekday configurable
- Simplified startup thanks to predefined operation modes
- Intuitive manual dimming, switching and changing of colour temperature
- Up to 4 groups separately controllable
- Adjustable Offset for different groups
- Easy Scene creation via App
- Scene-recall via OSRAM DALI PRO PB coupler possible
- Firmware update over-the-air via Bluetooth possible
- Integrated DALI supply
- Control of standard white or Tunable White light acc. DALI device type 8 (DT8)*
- Selected DALI parameters changeable via APP

Product datasheet

Areas of application

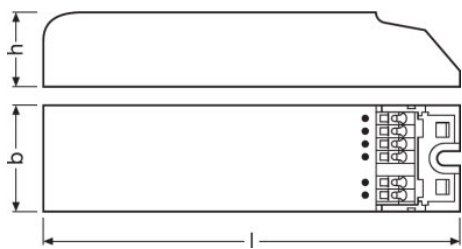
- Floor-standing luminaires
- Offices
- Conference rooms
- Training rooms
- Classrooms
- Corridors
- Shop lighting

Technical data

Electrical data

Nominal voltage	230 V
Mains frequency	50/60 Hz

Dimensions & weight



Length	108.0 mm
Width	30.0 mm
Height	21.0 mm
Product weight	45.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+60 °C
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Capabilities

Dimming interface	DALI
Transmitter range	15 m
Type of installation	Luminaire integration/Independent mounting
Number of control outputs	1

Certificates & standards

Type of protection	IP20
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Logistical data

Commodity code	853710989900
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Environmental information

Product datasheet

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Date of Declaration	13-02-2022
Primary Article Identifier	4062172016537
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	7d3c0fe0-bee8-438f-bee5-f23622320690

Equipment / Accessories

- Free App for iOS and Android available at the app store
- Ceiling or independent installation via ECO CI KIT possible

Download Data

File	
	User instruction DALIeco BT RTC control
	User instruction DALIeco BT RTC control
	Declarations of conformity DALIeco BT RTC CE 3768501 160821
	CAD data DALIECO BT RTC CONTROL IGS 220120
	CAD data DALIECO BT RTC CONTROL STEP 220120
	CAD data DALIeco BT ECO CI KIT STEP 250220
	CAD data DALIeco BT ECO CI KIT IGS 250220
	CAD Data 2-dim DALIECO BT RTC CONTROL CAD2PDF 220120
	CAD Data 2-dim DALIeco BT ECO CI KIT CAD2PDF 250220
	CAD data 3-dim DALIECO BT RTC CONTROL CAD3PDF 220120
	CAD data 3-dim DALIeco BT ECO CI KIT CAD3PDF 250220

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172016537	DALIECO BT RTC CONTROL	Shipping carton box 25	223 mm x 197 mm x 179 mm	7.86 dm ³	1787.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.